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(54) TRACTION OIL COMPOSITION

(57)Abstract:

PURPOSE: To provide the titled compsn. having a high coefficient of traction, a high viscosity index and excellent oxidation stability, corrosionproofness, shear stability and flow characteristics, by blending a hydrogenated product of a thermoplastic resin contg. a specified arom. ring with a base oil.

CONSTITUTION: A thermoplastic resin having a skeleton contg. an arom. monocyclic ring such as phenyl group and a condensed ring such as indenyl group such as a styrene/acrylonitrile copolymer, is dissolved in a small quantity of base oil and hydrogenated in the presence of 0.1W20wt% hydrogenation catalyst such as Pt at 100W450° C under H2 pressure of 10W200kg/cm2G for 0.5W20hr to obtain a hydrogenated thermoplastic resin (A) contg. arom. ring having a hydrogenation rate of 30W100%. 1W80wt% component A is dissolved in a naphthenic base oil having a kinematic viscosity of 1W150cSt (40° C), a pour point of 15° C or below and a flash point of 100° C or above (e.g. bicyclohexyl) to obtain the titled compsn.

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